

### ABSTRACT

A system and method for controlling a transverter from a wireless modem unit (WMU). A WMU delivers a control signal to a transceiver. This signal is outside the IF signal data range (preferably below 11 MHz). The signal is carried on the cable between the transceiver and the WMU. This signal is detected by the transceiver, and determines the  
5 timing and the control information. The signal is ASK modulated to enable low data rate transfer of messages between the WMU and the transceiver. The control signal is detected at the transverter using a detector circuit. Additionally, specific transverter detection circuits are disclosed to detect the control signal.